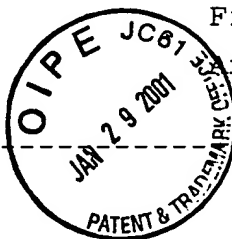


IN THE UNITED STATES PATENT OFFICE

Applicants: Christopher H. Dick and Frederic J. Harris  
Assignee: Xilinx, Inc.  
Title: Tunable Narrow-Band Filter Including Sigma-Delta  
Modulator  
Serial No.: 09/665,884 File Date: 09-20-00  
Examiner: Not Yet Known Part Unit: 2631  
Docket No.: X-501-1P US

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ATTENTION: BOX MISSING PARTS  
COMMISSIONER FOR PATENTS  
Washington, D. C. 20231

RESPONSE TO NOTICE TO FILE MISSING PARTS  
OF APPLICATION - FILING DATE GRANTED

Dear Sir:

Applicant hereby responds to the Notice to File Missing Parts of Application mailed from the Patent Office on October 30, 2000. Enclosed herewith find the Declaration signed by all of the inventors and Part 2 of the Notice to File Missing Parts of Application - Filing Date Granted. Also enclosed is an Assignment and an Assignment Recordation Cover Sheet.

The Commissioner is hereby authorized to charge the \$130.00 fee for the filing of the Declaration after filing of the patent application, the \$110.00 fee for a one month extension of time to respond to the Notice to File Missing Parts, and the \$40.00 fee for the recordation of the Assignment to Deposit Account 24-0040. The Commissioner is also hereby authorized to charge any additional fees which may be required to Deposit Account No. 24-0040.

Respectfully submitted,

Edel M. Young  
Agent for Applicants  
Reg. No. 32,451  
408-879-4969

02/01/2001 MMARMOL 00000075 240040 09665884  
03 FC:115 110.00 CH

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D. C. 20231, on **January 24, 2001**.

Mary O'Malley  
Name

  
Signature

Please type a plus sign (+) inside this box → +

Modified 9-98

PTO/SB/21 (12-97)

Approved for use through 9/30/00. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

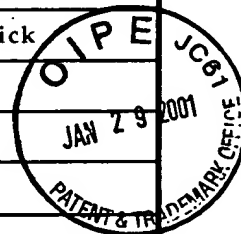
# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

BOX: MISSING PARTS

Express Mail  
Receipt No.

Application / Conf. No.	09/665,884 /
Filing Date	September 20, 2000
First Named Inventor	Christopher H. Dick
Examiner Name	Not Yet Known
Group Art Unit	2631
Issue Fee Batch No.	n/a
Attorney Docket Number	X-501-1P US



## ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Amendment / Response <input type="checkbox"/> Preliminary Amendment <input type="checkbox"/> After Final <input type="checkbox"/> Affidavit(s)/declaration(s)  <input checked="" type="checkbox"/> Extension of Time Request One Month <input type="checkbox"/> Change Status to LARGE ENTITY  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Substitute PTO-1449(s) IDS by Applicant (PTO/SB/08A)  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Assignment Papers (with Recordation Cover Sheet)  <input checked="" type="checkbox"/> Declaration / Oath  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition -  <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Return Receipt Postcard  <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">         1. SUBSTITUTE          SPECIFICATION; AND          2. REDLINED COPY OF          SUBSTITUTE          SPECIFICATION       </div>
Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Customer Number	24309		Reg. Number 32,451
Attn:	Edel M. Young <small>(Customer Number)</small>		
Signature	<i>Edel M. Young</i>		
Date	January 24, 2001	Charge any additional fees required/credit any overpayment to our Deposit Account Number: 24-0040	

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D. C. 20231 on this date: January 24, 2001

Typed or Printed Name	Mary O'Malley		
Signature	<i>Mary O'Malley</i>	Date	January 24, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

## Complete if Known

<b>TOTAL AMOUNT OF PAYMENT</b>		<b>(\$)</b> 360.00
<b>Application / Conf. No.</b>	09/665,884 /	
<b>Filing Date</b>	September 20, 2000	
<b>First Named Inventor</b>	Christopher H. Dick	
<b>Examiner Name</b>	Not Yet Known	
<b>Group / Art Unit</b>	2631	
<b>Attorney Docket No.</b>	X-501-1P US	

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																					
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees, any additional fees required, and credit any over payments to: Deposit Account Number: <b>24-0040</b> Deposit Account Name: <b>XILINX, INC.</b> <input type="checkbox"/> Charge the any additional Fee Required Under 37 CFR §§ 1.16 and 1.17		<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Code</th> <th>Large Entity Fee</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>Surcharge - late filing fee or oath</td><td>\$130</td></tr> <tr><td>127</td><td>50</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>For filing a request for exparte reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>Extension for reply within first month</td><td>\$110</td></tr> <tr><td>116</td><td>390</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,240</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td>\$40</td></tr> <tr><td>146</td><td>710</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>179</td><td>710</td><td>Request for Continued Examination (RCE)</td><td></td></tr> </tbody> </table>		Code	Large Entity Fee	Fee Description	Fee Paid	105	130	Surcharge - late filing fee or oath	\$130	127	50	Surcharge - late provisional filing fee or cover sheet.		147	2,520	For filing a request for exparte reexamination		112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	Requesting publication of SIR after Examiner action		115	110	Extension for reply within first month	\$110	116	390	Extension for reply within second month		117	890	Extension for reply within third month		118	1,390	Extension for reply within fourth month		128	1,890	Extension for reply within fifth month		119	310	Notice of Appeal		120	310	Filing a brief in support of an appeal		121	270	Request for oral hearing		138	1,510	Petition to institute a public use proceeding		140	110	Petition to revive - unavoidable		141	1,240	Petition to revive - unintentional		142	1,240	Utility issue fee (or reissue)		122	130	Petitions to the Commissioner		123	50	Petitions related to provisional applications		126	240	Submission of Information Disclosure Stmt		581	40	Recording each patent assignment per property (times number of properties)	\$40	146	710	Filing a submission after final rejection (37 CFR 1.129(a))		149	710	For each additional invention to be examined (37 CFR 1.129(b))		179	710	Request for Continued Examination (RCE)	
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SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Edel M. Young	Registration No. (Attorney/Agent)	32,451
Signature	<i>Edel M. Young</i>	Telephone	408-879-4969
		Date	01-24-2001

Burden Hour Statement: This form is estimated to take 1.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



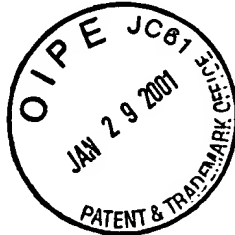
## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

DOCKETED  
NOV 07 2000

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/665,884	09/20/2000	Christopher H. Dick	X-501-1P US

24309  
XILINX, INC  
ATTN: LEGAL DEPARTMENT  
2100 LOGIC DR  
SAN JOSE, CA 95124



## FORMALITIES LETTER



\*OC000000005516479\*

Date Mailed: 10/30/2000

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice MUST be returned with the reply.*

*Tadelech Petros*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY

02/01/2001 MMARMOL 00000075 240040 09665884

01 FC:105 130.00 CH  
02 FC:102 80.00 CH

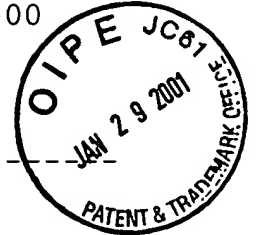
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NOV 07 2000  
INTELL. PROP. DEPT.  
XILINX, INC.

IN THE UNITED STATES PATENT OFFICE

#4

Applicant: Christopher H. Dick and Frederic J. Harris  
Assignee: Xilinx, Inc.  
Title: Tunable Narrow-Band Filter Including Sigma-Delta Modulator

Serial No.: 09/665,884 File Date: 09-20-00  
Examiner: Not Yet Known Art Unit: 2631  
Docket No.: X-501-1P US



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BOX MISSING PARTS  
COMMISSIONER FOR PATENTS  
Washington, D. C. 20231

TRANSMITTAL OF SUBSTITUTE SPECIFICATION

Dear Sir:

The following documents are being transmitted herewith for filing in connection with the above-identified U.S. patent application:

1. A substitute specification.
2. A marked up version of the substitute specification.

In the marked up version of the substitute specification, all text added since the specification of record is shown in bold and all text deleted contains strikeouts. Additionally, the specification of record contained formatting errors (the line numbers appeared in the equations on pages 13, 14 and 15) which have now been corrected.

The substitute specification includes no new matter.

Respectfully submitted,

Edel M. Young  
Agent for Applicants  
Reg. No. 32,451  
408-879-4969

*I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D. C. 20231 on January 24, 2001*

Mary O'Malley  
Name

  
Signature